

AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS
IN ASCENDING ORDER WITH STATUS INDICATOR

1. (Currently Amended) ~~The~~ A positive-type photosensitive composition for photogravure printing consisting of ~~comprising alkaline soluble organic high molecular substance comprising epoxy resin having phenolic hydroxyl group or reacted with~~ novolac resin, resol resin, polyvinyl phenolic resin or copolymer of acrylic acid derivative having phenolic hydroxyl group, ~~and photo-thermal conversion substance for absorbing infrared rays of an image exposing light source and converting it into heat~~ a phthalocyanine pigment or a cyanine pigment, said pigment having an absorbing region at a part of or an entire infrared wavelength range, having a characteristic for absorbing laser beam in the infrared wavelength region to perform a thermolysis, and as any one of ~~adherence characteristic reforming agents, the composition includes any one of~~ selected from the group consisting of

- (1) vinyl pyrrolidone/vinylacetate copolymers,
- (2) polyvinylbutyral,
- (2)(3) styrene/maleic acid copolymers,
- (3)(4) vinylpyrrolidone/dimethylaminoethylmethacrylate copolymers,
- (4)(5) terpolymers of vinylpyrrolidone/vinylcaprolactam/dimethylaminoethyl methacrylate,
- (5)(6) terphenenolic resin,
- (6)(7) alkylphenolic resin,
- (7)(8) polyvinylformal resin,
- (8)(9) melamine/formaldehyde resin, ~~and~~
- (9)(10) polyvinyl acetate, and
- (11) ketone resin,

wherein the positive-type photosensitive composition is coated on a photogravure plated roll.

2. (New) A method for making a photogravure plate, said method comprising the steps of:

(A) coating a positive-type photosensitive composition on a photogravure plated roll to form a positive-type photosensitive film, wherein positive-type photosensitive composition comprises:

(i) novolac resin, resol resin, polyvinyl phenolic resin or copolymer of acrylic acid derivative having phenolic hydroxyl group,

(ii) a phthalocyanine pigment or a cyanine pigment, said pigment having an absorbing region at a part of or an entire infrared wavelength range, having a characteristic for absorbing laser beam in the infrared wavelength region to perform a thermolysis, and

(iii) any one of adherence characteristic reforming agents selected from the groups consisting of

(a) vinyl pyrrolidone/vinylacetate copolymers,

(b) polyvinylbutyral,

(c) styrene/maleic acid copolymers,

(d) vinylpyrrolidone/dimethylaminoethylmethacrylate copolymers,

(e) terpolymers of vinylpyrrolidone/vinylcaprolactam/dimethylamino ethyl methacrylate,

(f) terphenenolic resin,

(g) alkylphenolic resin,

(h) polyvinylformal resin,

(i) melamine/formaldehyde resin,

(j) polyvinyl acetate, and

(k) ketone resin,

(B) exposing an image at the positive-type photosensitive film with a laser of infrared wavelength range, and

(C) developing the positive-type photosensitive film with alkaline developing liquid without burning after the coating step.